SBR No. 74/20-21
DATED 27-1-2021

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR.No. 74/20-21 Dt. 27-1-2021

No. 1st & Final bill
Date.....2010

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-007-20-000055**

Schedule Docket No. Head of Account : P-CODE:P 3254 D.R.No. :

Name of Work:- *Supplying and installation of street light panel boards in Yelahanka zone. Ward No 07*

Name of Contractor and Full Address: **M/s S.S.G Electricals**

Reference to Agreement No:EE/Ele/YZ/WO/000021/20-21 Date:19/06/2020

Certified that the measurements were taken by me on 15/12/2020 and recorded of Pages to of measurement Book No. 2560/19-20 and that the work is satisfactorily executed. 2560/49 to 951

For S S G ELECTRICALS

Contractor

Proprietor

Officer-in-charge of work

Certified that the measurement were taken by me on ....1.../8/20... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)

Sub-Division Officer

BBMP, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Bill= 31102=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 1% 311=00
3)	" Balance	LWF 1% 311=00
4)	Deduct Payment:	CBT 1% 31=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	Sest 1% 3715=00
b)	Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Cost 1% 3715=00
		deductions= 16483=00
		Cheque= 1,14,619=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted	

For S S G ELECTRICALS

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Proprietor

(For use in the Office)

Witness
1.
2.

For S S G ELECTRICALS

Signature of Contractor

Proprietor

For S S G ELECTRICALS

Stamp

Dated
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Proprietor 23254. maintenance
Rs: 31102=00
Rs: 1,14,619=00
Rs: 16,483=00

Executive Engineer

Initials of Officer making payment

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ವಿದ್ಯುತ್)

Sl. No	Description	Unit
	Name Of Work:-Supplying and installation of street light panel boards in Yelahanka zone	
1	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	Per Mtr
2	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per Mtr
3	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	Each
4	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4	Mtrs
5	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs
6	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.41/6.6.1	Mtrs
7	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16SWG KPWD ELE SR Page-30/5.42.2	sq.cms
8	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3	Mtrs
9	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5)Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure. 7) transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	No
	Total Rs	
	Add GST on Item No 3 to 8 Rs 125597.00 @ 12%	
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

evious Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		147	130.00	19110.00	147	19110.00	
		147	9.00	1323.00	147	1323.00	
		6	3800.00	22800.00	6	22800.00	
		198	90.00	17820.00	198	17820.00	
		198	25.00	4950.00	198	4950.00	
		140	60.00	8400.00	140	8400.00	
		179650	0.35	62877.50	179650	62877.50	
		175	50.00	8750.00	175	8750.00	
		6	45000.00	270000.00	6	270000.00	
				416030.50		**416030.50**	
				15071.64		15071.64	
				431102.14		**431102.14**	